Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
Data File : BF137878.D
Acq On : 10 May 2024 13:33
Operator : CG\JU
Sample : PB160643BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:32:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.051	152	196033	20.000	ng		0.00
21) Naphthalene-d8	8.334	136	781110	20.000	ng		-0.01
39) Acenaphthene-d10	10.098	164	438201	20.000	ng		-0.01
64) Phenanthrene-d10	11.592	188	753824	20.000	ng		0.00
76) Chrysene-d12	14.245	240	469496	20.000	ng		0.00
86) Perylene-d12	15.810	264	376902	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1383416	118.156	ng		0.01
7) Phenol-d6	6.669	99	1772870	119.377	ng		0.00
23) Nitrobenzene-d5	7.616	82	1094421	81.402	ng		0.00
42) 2,4,6-Tribromophenol	10.892	330	588222	131.471	ng		0.00
45) 2-Fluorobiphenyl	9.410	172	2260133	83.677	ng		-0.01
79) Terphenyl-d14	13.180	244	2509800	89.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	171561	32.539	ng		97
3) Pyridine	3.816	79	434819	34.075	ng		97
4) n-Nitrosodimethylamine	3.787	42	212419	36.967	ng		89
6) Aniline	6.710	93	487597m	33.126	ng		
8) 2-Chlorophenol	6.834	128	559501	43.849	ng		100
9) Benzaldehyde	6.604	77	237844	29.739	ng		99
10) Phenol	6.681	94	636246	41.810	ng		96
11) bis(2-Chloroethyl)ether	6.781	93	489982	41.122	ng		99
12) 1,3-Dichlorobenzene	6.993	146	584053	40.591	ng		98
13) 1,4-Dichlorobenzene	7.069	146	600163	41.569	ng		99
14) 1,2-Dichlorobenzene	7.222	146	570796	41.975	ng		99
15) Benzyl Alcohol	7.187	79	444986	43.328	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.310	45	660069	39.412	ng		98
17) 2-Methylphenol	7.293	107	452167	43.917	ng		98
18) Hexachloroethane	7.563	117	205488	42.101	ng		98
19) n-Nitroso-di-n-propyla...	7.457	70	363478	40.954	ng		97
20) 3+4-Methylphenols	7.445	107	572135	42.237	ng	#	87
22) Acetophenone	7.457	105	752204	42.818	ng		99
24) Nitrobenzene	7.634	77	554276	40.000	ng		97
25) Isophorone	7.869	82	1007892	41.578	ng		99
26) 2-Nitrophenol	7.945	139	307698	49.036	ng		94
27) 2,4-Dimethylphenol	7.975	122	415865	46.035	ng		95
28) bis(2-Chloroethoxy)met...	8.075	93	603725	41.134	ng		99
29) 2,4-Dichlorophenol	8.187	162	478401	43.813	ng		99
30) 1,2,4-Trichlorobenzene	8.275	180	504479	42.381	ng		98
31) Naphthalene	8.357	128	1629835	41.987	ng		99
32) Benzoic acid	8.092	122	347686	44.613	ng		99
33) 4-Chloroaniline	8.398	127	211644	14.703	ng		99
34) Hexachlorobutadiene	8.469	225	304858	41.715	ng		99
35) Caprolactam	8.775	113	155607m	44.978	ng		
36) 4-Chloro-3-methylphenol	8.875	107	490443	43.071	ng		95
37) 2-Methylnaphthalene	9.051	142	1061646	42.251	ng		100
38) 1-Methylnaphthalene	9.151	142	983140	39.770	ng		98
40) 1,2,4,5-Tetrachloroben...	9.216	216	509168	43.871	ng		99
41) Hexachlorocyclopentadiene	9.198	237	570810	121.086	ng		99
43) 2,4,6-Trichlorophenol	9.322	196	346617	43.874	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.363	196	368267	42.216	ng		97
46)	1,1'-Biphenyl	9.516	154	1290034	42.897	ng		99
47)	2-Chloronaphthalene	9.545	162	1014962	41.804	ng		99
48)	2-Nitroaniline	9.634	65	291386	44.252	ng		99
49)	Acenaphthylene	9.963	152	1593188	45.362	ng		99
50)	Dimethylphthalate	9.810	163	1209187	43.711	ng		100
51)	2,6-Dinitrotoluene	9.875	165	272542	43.111	ng		95
52)	Acenaphthene	10.134	154	1074834	46.169	ng		99
53)	3-Nitroaniline	10.045	138	187396	28.306	ng		94
54)	2,4-Dinitrophenol	10.151	184	297668	95.827	ng	#	89
55)	Dibenzofuran	10.304	168	1431036	42.241	ng		99
56)	4-Nitrophenol	10.204	139	442124	80.577	ng		98
57)	2,4-Dinitrotoluene	10.281	165	372474	45.098	ng		99
58)	Fluorene	10.651	166	1126992	41.799	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.422	232	315537	44.553	ng		99
60)	Diethylphthalate	10.516	149	1123055	42.746	ng		99
61)	4-Chlorophenyl-phenyle...	10.639	204	556268	41.872	ng		98
62)	4-Nitroaniline	10.669	138	268934	40.049	ng		96
63)	Azobenzene	10.798	77	1035181	40.767	ng		98
65)	4,6-Dinitro-2-methylph...	10.692	198	202371	46.773	ng		88
66)	n-Nitrosodiphenylamine	10.757	169	987191	43.749	ng		99
67)	4-Bromophenyl-phenylether	11.133	248	350263	43.416	ng		97
68)	Hexachlorobenzene	11.198	284	377112	42.775	ng		97
69)	Atrazine	11.281	200	333474	48.468	ng		98
70)	Pentachlorophenol	11.392	266	487361	80.519	ng		100
71)	Phenanthrene	11.622	178	1579842	42.998	ng		100
72)	Anthracene	11.675	178	1619893	44.310	ng		99
73)	Carbazole	11.822	167	1473524	41.822	ng		99
74)	Di-n-butylphthalate	12.139	149	1708361	44.449	ng		100
75)	Fluoranthene	12.816	202	1652039	41.132	ng		98
77)	Benzidine	12.927	184	369953	34.071	ng		99
78)	Pyrene	13.045	202	1703957	45.774	ng		100
80)	Butylbenzylphthalate	13.651	149	616042	52.158	ng		96
81)	Benzo(a)anthracene	14.233	228	1328622	44.245	ng		100
82)	3,3'-Dichlorobenzidine	14.192	252	292512	32.539	ng		98
83)	Chrysene	14.274	228	1246067	44.318	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.204	149	800476	53.777	ng		100
85)	Di-n-octyl phthalate	14.833	149	1057228	52.775	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.451	276	1064575	49.681	ng		99
88)	Benzo(b)fluoranthene	15.339	252	1042204	44.444	ng		99
89)	Benzo(k)fluoranthene	15.374	252	1019224	44.969	ng		99
90)	Benzo(a)pyrene	15.745	252	899817	47.034	ng		99
91)	Dibenzo(a,h)anthracene	17.468	278	869528	49.853	ng		99
92)	Benzo(g,h,i)perylene	17.951	276	813011	44.465	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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